

LHCC upgrade session

Report of Contributions

Contribution ID: 0

Type: **not specified**

Welcome/Overview

Tuesday 1 July 2008 09:00 (10 minutes)

Presenter: WYATT, Terry (University of Manchester)

Session Classification: Introduction - setting the scene

Contribution ID: 1

Type: **not specified**

Machine intro (Phase I and Phase II upgrades, possible lumi scenarios)

Tuesday 1 July 2008 09:20 (20 minutes)

Presenter: GAROBY, Roland (CERN)

Session Classification: Introduction - setting the scene

Contribution ID: 2

Type: **not specified**

Overview of detector and scchdu issues - setting the stage

Tuesday 1 July 2008 09:50 (15 minutes)

Based on slides presented earlier to LHCC in closed session

- The main questions for the experiments (lum in phase I, timescale for phase II, shutdowns)
- Reminder about overall costs - largely linked to ID changes that are needed if LHC operation is to continue after 2016-18.
- Steps towards a decision in 2011 (LoI, TDR, cost documents, MoUs), and interactions with FAs
- Detector specific R&D versus Common R&D
- Ongoing EU projects
- Role of LHCC

Presenter: STAPNES, Steinar (Fysisk Institutt, Oslo)

Session Classification: Introduction - setting the scene

Contribution ID: 3

Type: **not specified**

CMS overview

Tuesday 1 July 2008 10:45 (30 minutes)

Phase I and II plans, current organisation of work

Presenter: Dr NASH, Jordan (CERN)

Session Classification: Overview of CMS and ATLAS plans

Contribution ID: 4

Type: **not specified**

ATLAS overview

Tuesday 1 July 2008 11:35 (30 minutes)

Phase I and II plans, current organisation of work

Presenter: Dr HESSEY, Nigel (NIKHEF)

Session Classification: Overview of CMS and ATLAS plans

Contribution ID: 5

Type: **not specified**

Silicon strip tracker developments (ATLAS)

Tuesday 1 July 2008 13:30 (10 minutes)

Presenter: FERRERE, Didier (Section de Physique)

Session Classification: Examples of central R&D activities (ATLAS, CMS, Common)

Contribution ID: 6

Type: **not specified**

PIXEL/B-layer developments (ATLAS)

Tuesday 1 July 2008 13:45 (10 minutes)

Presenter: DARBO, Giovanni (Genova)

Session Classification: Examples of central R&D activities (ATLAS, CMS, Common)

Contribution ID: 7

Type: **not specified**

LAr forward calorimeter issues (ATLAS)

Tuesday 1 July 2008 14:00 (10 minutes)

Presenter: ZEITNITZ, Christian (Wuppertal)

Session Classification: Examples of central R&D activities (ATLAS, CMS, Common)

Contribution ID: 8

Type: **not specified**

Lvl1 track trigger (CMS)

Tuesday 1 July 2008 14:15 (10 minutes)

Presenter: Dr FOUNTAS, Costas (Imperial College)

Session Classification: Examples of central R&D activities (ATLAS, CMS, Common)

Contribution ID: 9

Type: **not specified**

SiPM for HCAL (CMS)

Tuesday 1 July 2008 14:30 (10 minutes)

Presenter: FREEMAN, Jim (Fermi National Accelerator Laboratory (FNAL))

Session Classification: Examples of central R&D activities (ATLAS, CMS, Common)

Contribution ID: **10**

Type: **not specified**

Silicon sensor developments for an upgrade (CMS)

Tuesday 1 July 2008 14:45 (10 minutes)

Presenter: BOLLA, Gino (Department of Physics - Purdue University)

Session Classification: Examples of central R&D activities (ATLAS, CMS, Common)

Contribution ID: **11**

Type: **not specified**

CERN LHC upgrade R&D projects and irradiation plans

Tuesday 1 July 2008 15:00 (15 minutes)

Presenter: LINSSEN, Lucie (CERN)

Session Classification: Examples of central R&D activities (ATLAS, CMS, Common)

Contribution ID: 12

Type: **not specified**

Deep Sub Micron processes for SLHC

Tuesday 1 July 2008 15:25 (10 minutes)

Presenter: MARCHIORO, Alessandro (CERN)

Session Classification: Examples of central R&D activities (ATLAS, CMS, Common)

Contribution ID: 13

Type: **not specified**

New powering methods for SLHC trackers

Tuesday 1 July 2008 15:40 (10 minutes)

Presenter: WEBER, Marc (Rutherford Appleton Laboratory)

Session Classification: Examples of central R&D activities (ATLAS, CMS, Common)